



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit 2508  
Examiner S. Loke

Letter of  
Transmittal

Inventor John C. Huang, et al.

High Electron Mobility Transistor  
and Method of Manufacture

Serial No.: 697,830

Filed: May 9, 1991

Batch No. B64

MAILING CERTIFICATE

I hereby certify that this correspondence  
is being deposited with the United States  
Postal Service as first class mail in an  
envelope addressed to: Commissioner of Patents  
and Trademarks, Washington, D.C., 20231,  
on April 14, 1992

Name Denis G. Maloney Reg. No. 29,670

Signature *Denis G. Maloney*

Date *April 14, 1992*

Honorable Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

Sir:

LETTER OF TRANSMITTAL

Enclosed herewith are Base Issue Fee Transmittal Form  
Nos. PTOL-85b and PTOL-85c to be filed in the above-referenced  
patent application which has been allowed along with a Supple-  
mental Declaration.

Respectfully submitted,

*Denis G. Maloney*  
Denis G. Maloney  
Registration No. 29,670  
Attorney for the Applicants

Raytheon Company  
Lexington, MA 02173  
617/860-4887  
Case No. 35441  
DGM/caj



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PTO-103c  
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687830

GROUP NO. FILING DATE SERIAL NO. (SERIES OF 1970)

MAY 17 9 181 5/9/91

APPLICANT INVENTION

| DRAWINGS | TOTAL CL'S | IND CL'S | FILING FEE REC | TRANSACTION | ATT'Y DK. |
|----------|------------|----------|----------------|-------------|-----------|
|          |            |          |                |             |           |

### ACCESS ACKNOWLEDGEMENT

As Required by

Title 35, United States Code (1952) Section 181

I hereby acknowledge that I have inspected the disclosure of the above identified application for patent in the administration of the law cited above, on behalf of the department or agency which I represent, and promise that any information acquired from said application will not be divulged, disclosed or used for any purpose other than in the administration of the cited law.

| NAME                   | DATE      | AGENCY REPRESENTED |
|------------------------|-----------|--------------------|
| <i>Biobri</i>          | 5/14/91   | J A CP             |
| <i>Phillips</i>        | 18 Jul 91 | WELCA              |
| <i>Philip D. M. J.</i> | 30 Jul 81 | WL/ELMD            |

#3



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| NAME              | DATE        | AGENCY REPRESENTED |
|-------------------|-------------|--------------------|
| Patricia A. James | 28 JUN 1991 | U.S. ARMY          |

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NAME

DATE

AGENCY REPRESENTED

*Scott*

7/11/91

NAVY



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Substitute Drawings Under Rule 1.123

Date of the Notice of Allowance 4/3/92  
Issue Batch Number B64  
Serial Number 697,830

Name of Inventors: John C. Huang and Gordon S. Jackson

Title: High Electron Mobility Transistor and Method of Manufacture

Filed: May 9, 1991

Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

ATTENTION: OFFICIAL DRAFTSMAN


Sir:

Enclosed herewith are 2 sheets of substitute drawings in the subject-named application to replace corresponding sheets in accordance with the provisions of Rule 1.123. The undersigned states that each one of the sheets is a true copy of the corresponding sheet of drawings as filed, modified:

☒ to meet the requirements of PTO-948 dated 5/30/91.

☒ to incorporate changes for which approval was requested from the Examiner on 4/14/92.

Respectfully submitted,

  
Denis G. Maloney  
Registration No. 29,670  
For the Applicants

MAILING CERTIFICATE

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on  
April 14, 1992.

Name Denis G. Maloney Reg. No. 29,670

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